



DOUGLAS D. DEMASI, SR.
675 Beekman Road
Hopewell Junction, New York 12533
914 / 227-5387 (Voice)
914 / 227-7312 (Fax)

COPY OF PAPERS
ORIGINALLY FILED

Patent Application

Universal Flying Hawk

Introduction

1. Field of the Invention

Unlike so many other inflatable recreational products that are made for the water or snow, they all have one thing in common - you either use a pump to blow them up or your mouth to blow them up. And they usually have separate chambers for air. This helps with the configuration of whatever sports toy you may like. As you can clearly see in the prior art, they go through the water and they skim across the water but there has been never ever any inflatable toy that will actually get airborne, stay airborne, and you can control it in the air. The rider that stays right on it by holding onto the hand grips or the leg or ankle grips. You can actually take off behind a power boat, when you are in the water, and actually get airborne and stay airborne. You can control yourself by simply shifting your weight one side or the other, left or right, up or down. And the person or person(s) on top of this Universal Flying Hawk has a bird's eye view and with great control over flying how high and what kind of maneuvers the passenger and principle operator would like to perform at that specific time. And you can stay airborne for as long as you deem necessary. This is without, a doubt, a thrill. A thrill of being able to fly like a bird and yet have complete control as one would be in a glider. And let's not forget you also have the abilities of a hang glider. The only difference is you are being pulled behind a motor boat with an extended line. An extended line will give you the choice of how high the operator wishes go, and at the same time the operator can deem whether they want to exceed and go faster or they can shift their weight and go slower. It is still up to the operator. All the boat is doing is giving you enough lift to stay in the air. The operator of the boat doesn't have to go that fast to keep you up in the air. That determine in the weight of the operator. As you can clearly tell by the specific design of the Universal Flying Hawk it has the wing span of a hawk and the tail control of a hawk. You can control this very easily. And to land you simply shift your weight forward a little or signal the powerboat to slow down slightly and you will glide down and make a nice soft landing on top of the water, making this truly one of a kind that will fly with the operator and can be controlled very easily by an operator. This is the only one of its kind - The Universal Flying Hawk. And to make it even better, as clearly stated before the Universal Flying Hawk can detach the fuselage or the tail section. It comes out of the wing span section very easily that's being held on by straps, and or velcro and you can use this to surf

RECEIVED
MAR 04 2002
OFFICE OF PETITIONS

BEST AVAILABLE COPY

as a surfboard or one ski behind a power boat. This is truly, without a doubt, a Universal Flying Hawk that you can fly like a bird or ski behind a boat, surf the waves as a surfer may surf. You can also use this as a wakeboard going through the water or a wakeboard as you are riding the ocean waves or going down rivers. It is very easy to put back together, clearly insert the fuselage into the wing section of the Universal Flying Hawk where the straps and/or velcro is in place - once again you have the Universal Flying Hawk - that will once again soar through the air with the greatest of ease.

2. Background of this Invention

As clearly stated in No. 1 the background of this invention has been a fun, water-related recreational toy. But, now you can also use it in the snow. You can slide down the slopes and get enough air underneath the wings in the tail section to become airborne, and it is very easy to control with the separate hand straps or leg and ankle straps that keep you clearly in very secure onto the Universal Flying Hawk, and yet when the operator wishes to be removed, the operator can be removed very easily by just getting up and walking away. There are no straps that keep you strapped in to where you can't move. The operator has all the control and can at any time simply push off or get up and walk away without any problems whatsoever. Unlike the other inflatable toys they are not aerodynamic in any way, shape or form. They may skim across the water at a high rate of speed and a very dangerous high rate of speed, at that, which could at that very easily hurt the operator because to get these other inflatable toys skimming across the water you must go quiet fast which makes it extremely dangerous for the operator and other people in the area because you can't control these other inflatables because they are going at such a high rate of speed. They are extremely hazardous to one's health.

The Universal Flying Hawk was designed with safety as No. 1. It is being built and it is being used as a pleasure toy that must be respected. You must think before you use it, because as with all other toys it can be hazardous to anyone's health, but as you can clearly see with the Universal Flying Hawk it is truly a bird that flies through the wind with the greatest of ease, and it is without a doubt the safest towed water-related recreational inflatable toy that I have ever seen on the market to date. Not only is this a wonderful toy, but unlike the other inflatable water-related toys - this one does something else - it allows the individual to think not just to be dead weight in some toy or some tube being deadweight pulled through the water, that is uncontrollable, but you are actually thinking of your actions. It is increasing your mind power. It is increasing your reflexes. It helps one's coordination (eye/hand/mind). It is helping one's ability to overcome any fear of heights. It helps the rider and or passenger feel true freedom through the air - simply flying through the air with the greatest of ease and with unbelievable control because of the design and the added features of the tail, fuselage, the fins on the bottom of the wing, the configuration of the wing, the span of the wing, and the design of the wing. This was invented and designed so that the operator can have complete control with his or her movements. This is truly the one and only inflatable toy that the operator can truly feel they can control their destiny. And if one ever wants to release for any reason whatsoever, from the power boat that is pulling them, you can simply release the clip and glide down to the water very easily and very safely.

BEST AVAILABLE COPY